



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

GLM Company

4-14s-15w-Russell Co.

PO Box 193
Russell KS 67665

Witt Trust #1

Job Ticket: 60677

DST#: 2

ATTN: Steve Reed

Test Start: 2014.10.26 @ 21:44:12

GENERAL INFORMATION:

Formation: **Oread Lm**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:03:32

Time Test Ended: 03:26:42

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 77

Interval: 2930.00 ft (KB) To 2950.00 ft (KB) (TVD)

Reference Elevations: 1884.00 ft (KB)

Total Depth: 2950.00 ft (KB) (TVD)

1877.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8898 Outside

Press @ Run Depth: 51.92 psig @ 2932.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.26

End Date:

2014.10.27

Last Calib.:

2014.10.27

Start Time: 21:44:13

End Time:

03:26:42

Time On Btm:

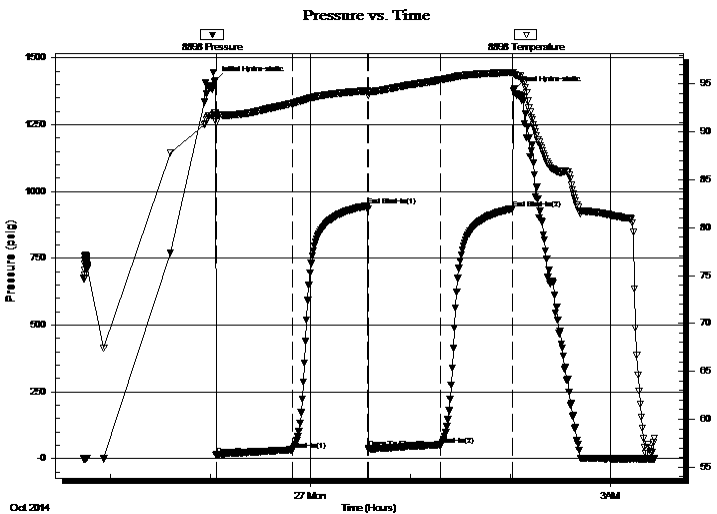
2014.10.26 @ 23:03:22

Time Off Btm:

2014.10.27 @ 02:01:51

TEST COMMENT: 45-Fair blow built to 5 1/2 in
45-Dead no blow back
45-Fair blow built to 4 in
45-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1413.54	91.96	Initial Hydro-static
1	13.58	91.01	Open To Flow (1)
46	33.39	92.96	Shut-In(1)
91	946.47	94.28	End Shut-In(1)
92	37.85	93.81	Open To Flow (2)
135	51.92	95.44	Shut-In(2)
178	935.56	96.20	End Shut-In(2)
179	1377.70	96.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	SGOCWM skim of oil on top 8%G 2%O	300.35 6
64.00	SMCW 10%M 90%W	0.90

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



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FLUID SUMMARY

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DST#: 2

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Test Start: 2014.10.26 @ 21:44:12

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

35000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
25.00	SGOCWM skim of oil on top 8%G 2%O 30%W	0.351
64.00	SMCW 10%M 90%W	0.898

Total Length: 89.00 ft Total Volume: 1.249 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .241 @ 60 F = 35000

